COPY OF PAPERS
ORIGINALLY FILED

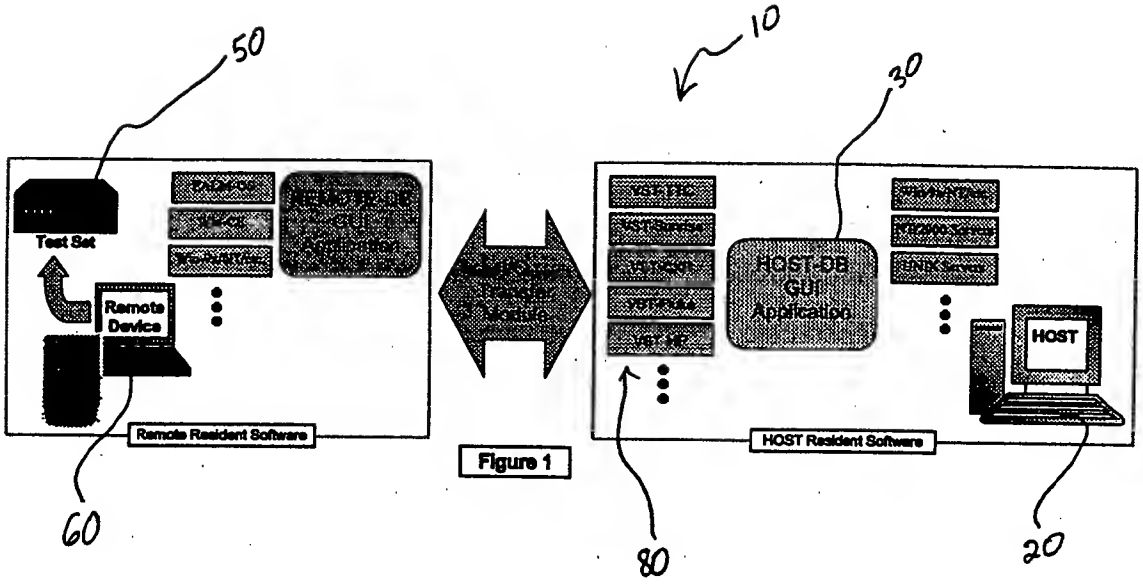

Figure 1

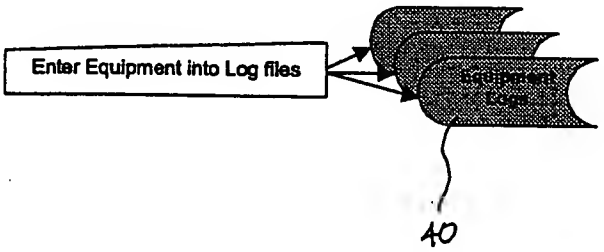

Figure 2

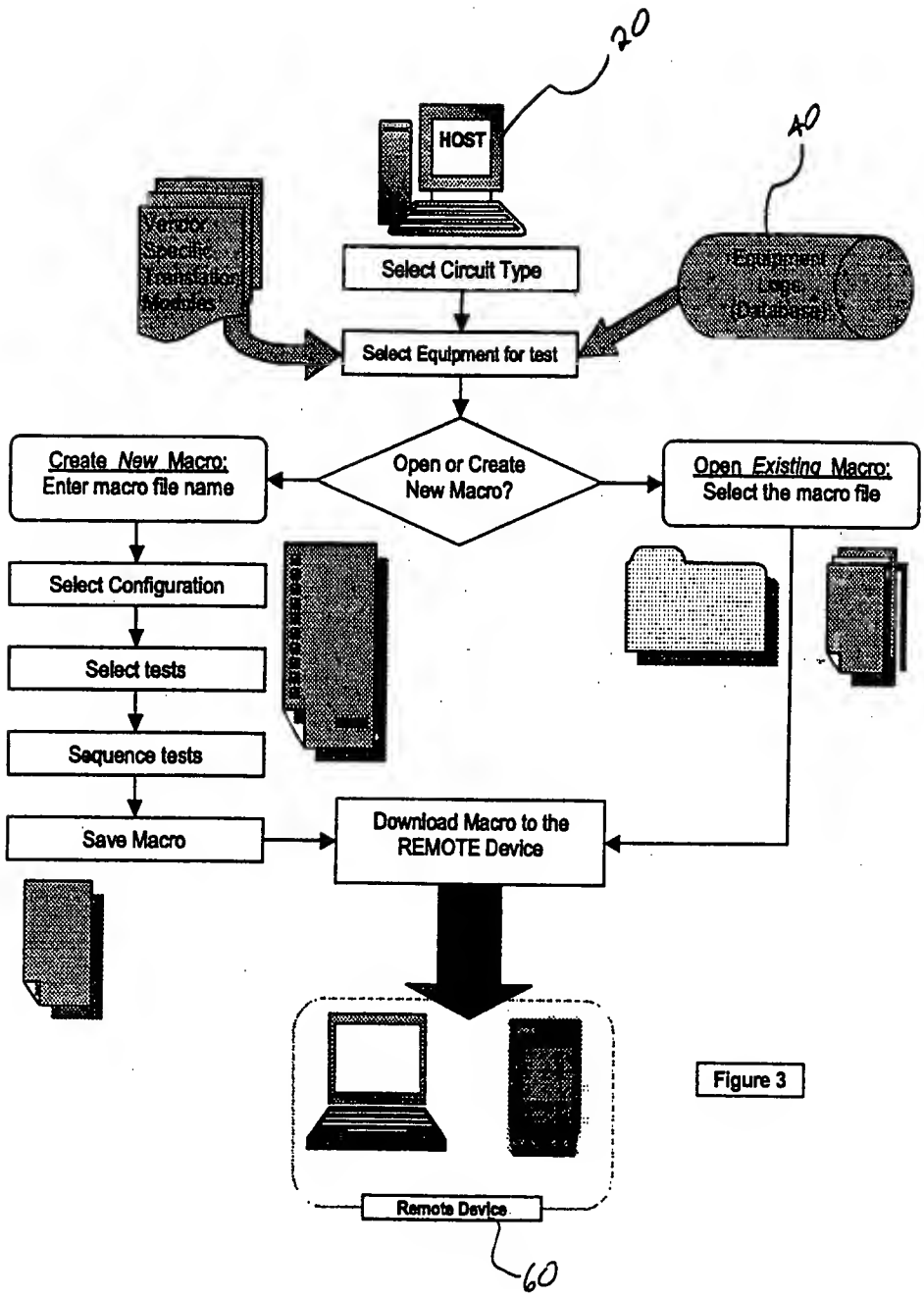
20
HOST
40
Vendor Specific Translation Modules
Equipment Logic (Database)
Select Circuit Type
Select Equipment for test
Open or Create New Macro?
Create New Macro: Enter macro file name
Open Existing Macro: Select the macro file
Select Configuration
Select tests
Sequence tests
Save Macro
Download Macro to the REMOTE Device
Remote Device
60

Figure 3

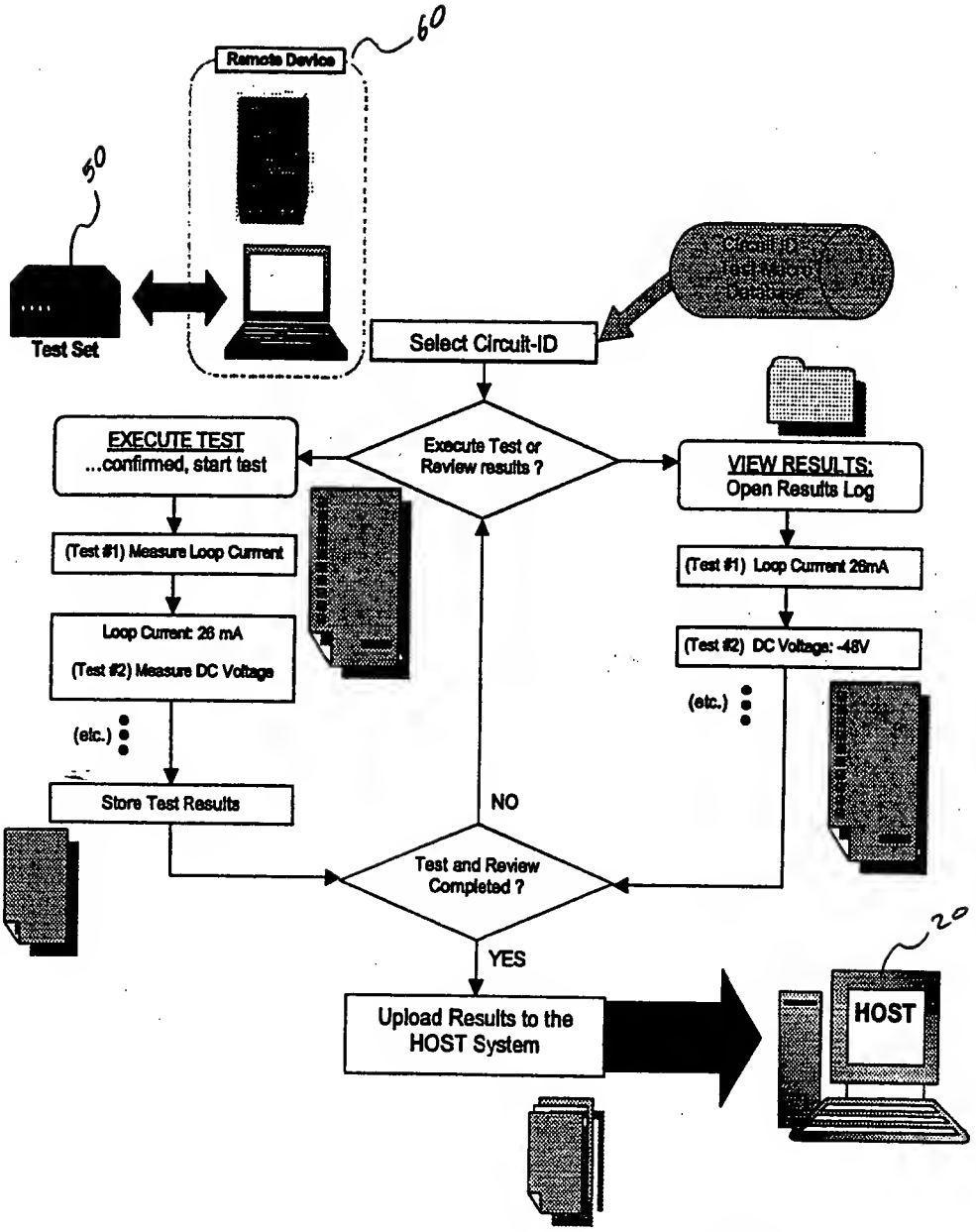
Remote Device
60
50
Test Set
Select Circuit-ID
EXECUTE TEST
...confirmed, start test
Execute Test or
Review results ?
VIEW RESULTS:
Open Results Log
(Test #1) Measure Loop Current
Loop Current: 26 mA
(Test #2) Measure DC Voltage
(etc.)
(Test #1) Loop Current 26mA
(Test #2) DC Voltage: -48V
(etc.)
Store Test Results
NO
Test and Review
Completed ?
YES
Upload Results to the
HOST System
HOST
20

Figure 4

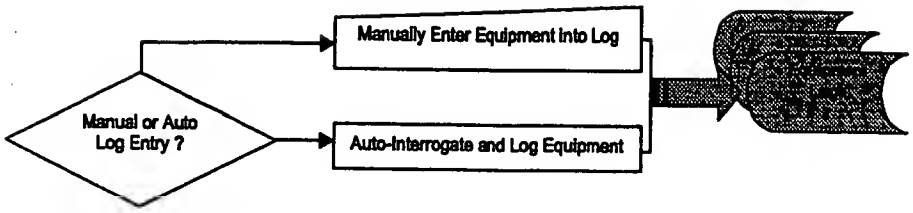

Figure 5

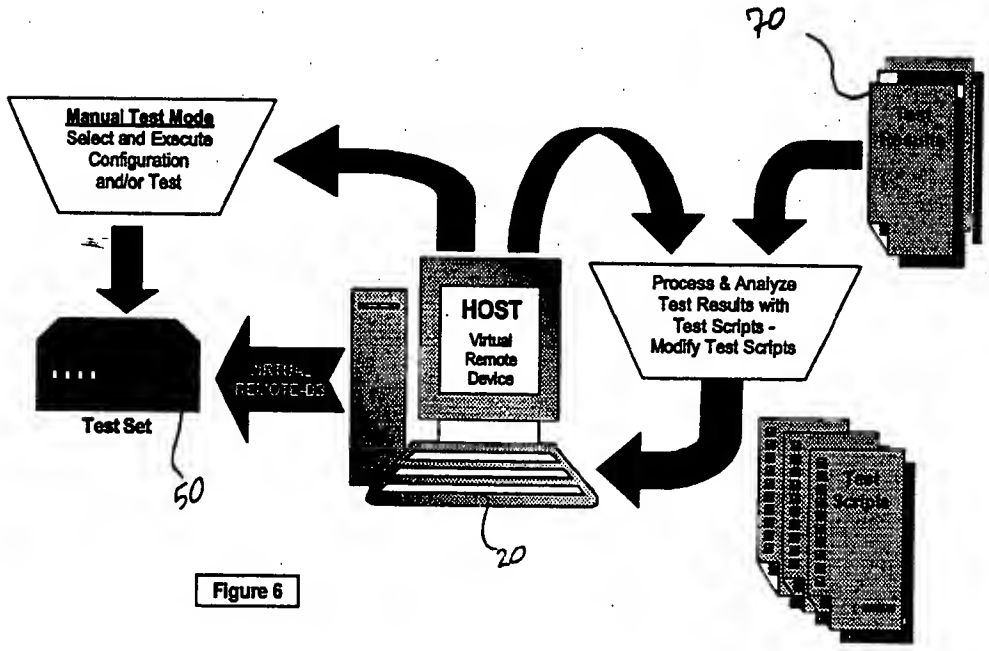

Figure 6

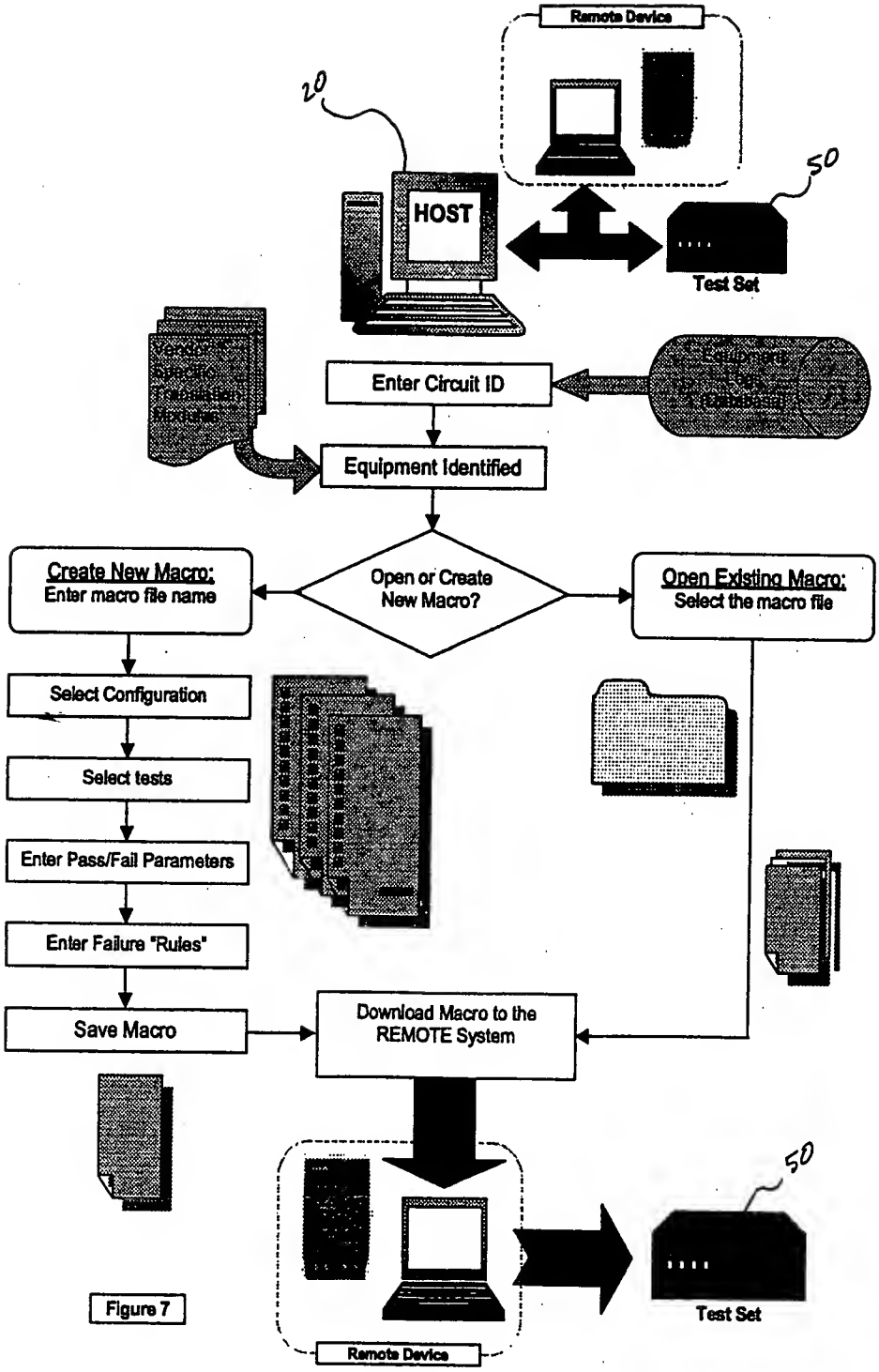
Remote Device
20
HOST
50
Test Set
Enter Circuit ID
Equipment Identified
Open or Create New Macro?
Create New Macro:
Enter macro file name
Open Existing Macro:
Select the macro file
Select Configuration
Select tests
Enter Pass/Fail Parameters
Enter Failure "Rules"
Save Macro
Download Macro to the REMOTE System
50
Test Set
Remote Device

Figure 7

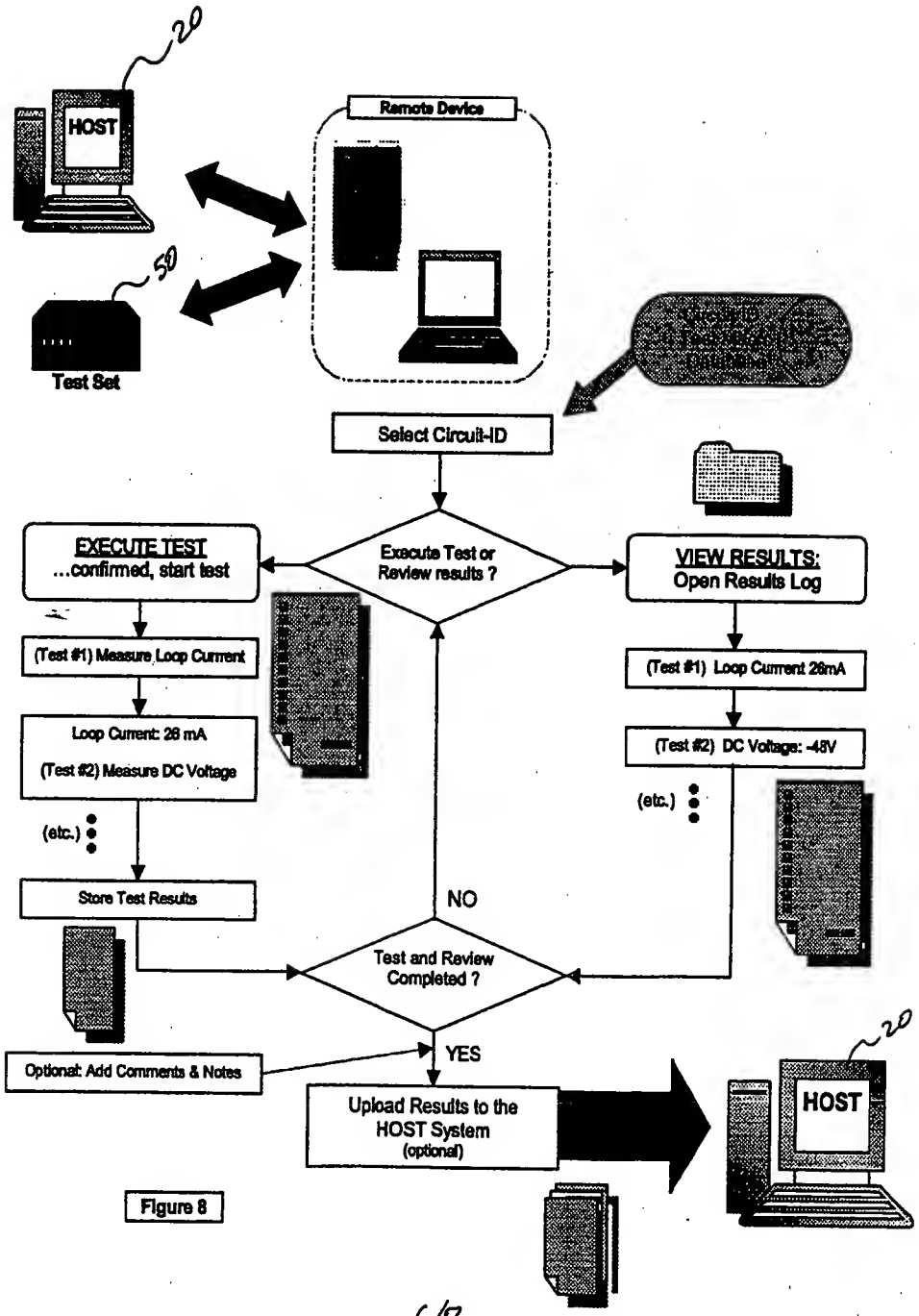
20
HOST
Remote Device
50
Test Set
Select Circuit-ID
EXECUTE TEST
...confirmed, start test
Execute Test or
Review results ?
VIEW RESULTS:
Open Results Log
(Test #1) Measure Loop Current
Loop Current: 26 mA
(Test #2) Measure DC Voltage
(etc.)
Store Test Results
(Test #1) Loop Current 26mA
(Test #2) DC Voltage: -48V
(etc.)
NO
Test and Review
Completed ?
YES
Optional: Add Comments & Notes
Upload Results to the
HOST System
(optional)
20
HOST

Figure 8

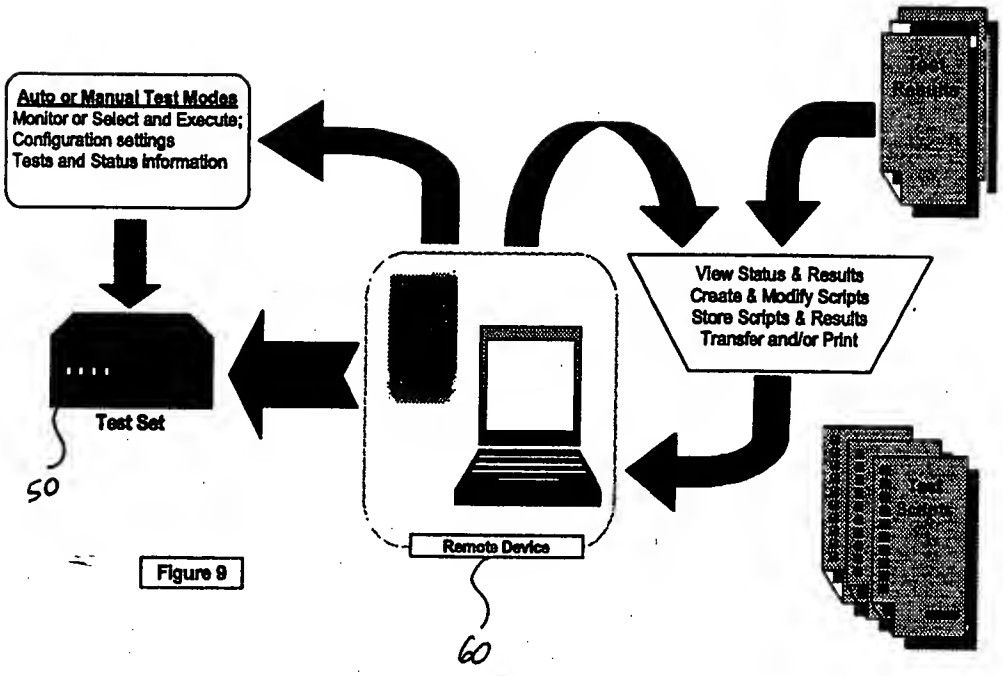
Auto or Manual Test Modes
Monitor or Select and Execute;
Configuration settings
Tests and Status Information
Test Results
View Status & Results
Create & Modify Scripts
Store Scripts & Results
Transfer and/or Print
Test Set
50
Remote Device
60

Figure 9